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COTTON GIN EQUIPMENT 1962



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Agricultural Marketing Service Cotton Division
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United States Department of Agriculture
Agricultural Marketing Service
Market News Section - Cotton Division
Drawer C, White Station - Memphis 17, Tennessee

COTTON GIN EQUIPMENT - UNITED STATES
1962

SUMMARY

Significant innovations and improvements continue to be made in the cotton ginning industry in the United States. The shift to mechanized harvesting of the cotton crop, increasing from 27 to 59 percent in the last five years, has been the predominant factor in bringing about technological advances in ginning equipment. Changes in the methods of marketing and utilization requirements have also been a contributing influence on the development of gin machinery. This report presents in tabular form certain types of equipment and machinery in cotton gins in the United States at the beginning of the 1962-63 season.

Gin equipment data are presented in this report in five groups of three tables each. The first group of three tables covers equipment by states and the United States. The four remaining groups of tables present ginning data by districts and states in each of the four geographical areas of the cotton belt.

During the five years between 1957 and 1962, the trend continued toward fewer gin batteries and larger ginning capacity per gin battery. In 1962 there were slightly over 5,400 gin batteries in the United States with 43 percent of the batteries ginning 2,500 bales or more during the 1961-62 season. Comparable figures in 1957 indicated about 6,800 active gin batteries with only 25 percent ginning over 2,500 bales during the 1956-57 season. The largest decrease in total gin batteries in the last five years was in the southeastern area of the belt. In the far western area, total gin batteries increased by 20 percent since 1957. About 90 percent of the batteries in this area ginned 2,500 or more bales during the 1961-62 season.

The proportion of all gin batteries in the United States having seed cotton driers increased from 85 percent in 1957 to 96 percent in 1962. While this increase is certainly noteworthy, of more significance is the increase in the number of batteries having facilities for more than one stage of drying. In 1957, only 39 percent of all batteries having drying equipment had facilities for more than one stage of drying while in 1962 the proportion providing these additional stages of drying had increased to 55 percent. All gin batteries in the far western area now have seed cotton driers with 25 percent having facilities for three or more stages of drying.

Lint cleaning equipment is now installed in 93 percent of all gin batteries in the United States, compared with 51 percent in 1957. In the southeastern area of the belt, about 82 percent of all gin batteries have facilities for one or more stages of lint cleaning while each of the other three areas has lint cleaning equipment in well over 90 percent of all batteries. The number of gins having facilities for more than one stage of lint cleaning has also increased steadily. For instance, in the years 1959 through 1962 the proportion of gin batteries having facilities for two or more stages of lint cleaning was 41, 50, 58 and 64 percent, respectively.

Seed cotton cleaning equipment above the distributor has increased in recent years. The most pronounced increase has been in the installation of stick and green leaf machines. The proportion of all gin batteries having this cleaning equipment increased from seven percent in 1957 to 25 percent in 1962. Other seed cotton cleaning equipment such as green boll traps, magnets and bur extractors also increased.

Information used to compile the data presented in this report was taken from gin records maintained in cotton classing offices of the Cotton Division, Agricultural Marketing Service, United States Department of Agriculture. The information for individual gin batteries was obtained in cooperation with the gin owner or manager. The total number of gin batteries reported by districts do not in all cases correspond with the number of batteries shown by the volume of ginning frequencies as ginnings were not always available for individual batteries of multiple battery units.

Table 1. Cotton gin batteries, distribution of batteries by volume of cotton ginned, and by number of drying stages, by States and United States, 1961-62

State	Total gin batteries	Bales ginned						Number of batteries having seed cotton driers	Batteries by number of drying stages			
		500 or less	501 - 1,500	1,501 - 2,500	2,501 - 5,000	5,001 - 10,000	10,001 and over		One	Two	Three	Four and more
		Number	Number	Number	Number	Number	Number					
Georgia	311	52	95	94	56	4	-	283	142	108	30	3
Alabama	416	55	183	106	64	3	-	383	251	118	14	-
S. Carolina	307	64	107	82	41	-	-	282	188	88	6	-
N. Carolina	270	75	127	51	17	-	-	238	182	52	4	-
Virginia	13	5	7	1	-	-	-	6	3	3	-	-
Florida	7	1	1	2	1	-	-	5	3	2	-	-
Louisiana	231	20	71	69	66	5	-	223	57	148	18	-
Arkansas	551	26	91	136	243	44	1	538	214	277	47	-
Mississippi	676	63	130	178	223	54	1	652	272	347	33	-
Tennessee	283	10	89	104	69	3	-	273	82	140	50	1
Missouri	154	1	25	60	61	6	-	153	24	120	9	-
Illinois	2	2	-	-	-	-	-	2	1	1	-	-
Kentucky	3	-	2	1	-	-	-	3	-	2	1	-
Texas	1,496	124	297	248	448	346	32	1,475	693	678	97	7
Oklahoma	172	13	58	56	29	15	-	168	111	55	2	-
Arizona	148	-	13	5	40	80	10	148	60	78	10	-
California	316	1	2	8	137	162	6	316	14	187	107	8
New Mexico	74	3	4	12	33	20	2	73	31	23	13	6
Nevada	1	-	-	-	-	1	-	1	1	-	-	-
United States	5,431	515	1,302	1,213	1,528	743	52	5,222	2,329	2,427	441	25

Table 2. Cotton gin batteries with specified kinds of equipment, by States and United States, 1961-62

State	Total gin batteries	Number of gin batteries having:							Moisture meters	Batteries with seed cotton cleaners under the distributor
		Bulk or master feed control	Overhead cleaners	Bur extractors	Stick and green leaf machines	Magnets	Green boll traps	Overflow bypass		
	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number
Georgia	311	22	232	99	102	63	59	118	5	110
Alabama	416	9	315	100	117	59	120	179	-	159
S. Carolina	307	9	243	85	28	17	101	156	-	27
N. Carolina	270	10	179	58	22	30	59	159	-	30
Virginia	13	-	3	-	-	-	1	2	-	-
Florida	7	-	6	2	1	-	3	7	-	5
Louisiana	231	41	204	99	68	57	88	133	14	195
Arkansas	551	114	528	343	113	263	226	337	44	412
Mississippi	676	134	571	290	189	260	258	404	110	409
Tennessee	283	42	261	123	58	82	59	170	20	37
Missouri	154	54	150	101	38	91	42	117	26	49
Illinois	2	-	2	-	-	-	-	2	-	-
Kentucky	3	1	3	2	1	-	1	2	-	1
Texas	1,496	275	1,490	1,330	475	305	1,185	959	173	622
Oklahoma	172	30	171	164	37	8	101	141	5	145
Arizona	148	110	148	125	10	38	141	118	42	79
California	316	290	316	233	44	130	191	278	103	141
N. Mexico	74	17	74	50	31	30	62	66	27	10
Nevada	1	1	1	1	-	-	1	1	-	-
United States	5,431	1,159	4,897	3,205	1,334	1,433	2,698	3,349	569	2,431

Table 3. Cotton gin batteries, distribution of batteries by number of gin stands and by number of lint cleaning stages, by States and United States, 1961-62

State	Total gin batteries	Batteries by number of gin stands						Batteries having lint cleaners	Batteries by number of lint cleaning stages			
		Gin stands							One	Two	Three	Four and more
		Two or less	Three	Four	Five	Six and more						
	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number
Georgia	311	19	95	182	15	-	267	138	111	18	-	-
Alabama	416	23	127	238	27	-	383	168	184	31	-	-
S. Carolina	307	14	154	131	8	-	244	121	110	13	-	-
N. Carolina	270	25	144	100	1	-	185	142	41	2	-	-
Virginia	13	6	5	2	-	-	1	1	-	-	-	-
Florida	7	-	3	4	-	-	6	3	3	-	-	-
Louisiana	231	7	43	143	38	-	220	60	124	34	2	2
Arkansas	551	27	199	259	66	-	529	197	273	57	2	2
Mississippi	676	25	191	397	61	2	621	245	345	31	-	-
Tennessee	283	14	143	119	7	-	276	89	159	28	-	-
Missouri	154	3	58	84	9	-	153	26	106	21	-	-
Illinois	2	-	2	-	-	-	2	1	1	-	-	-
Kentucky	3	-	3	-	-	-	3	1	1	1	-	-
Texas	1,496	21	77	683	677	38	1,436	469	791	174	2	2
Oklahoma	172	8	22	105	36	1	162	87	72	3	-	-
Arizona	148	-	10	11	99	28	148	18	87	37	6	6
California	316	1	7	27	246	35	316	12	224	80	-	-
N. Mexico	74	1	7	33	28	5	73	11	41	21	-	-
Nevada	1	-	-	-	1	-	1	-	1	-	-	-
United States	5,431	194	1,290	2,518	1,319	109	5,026	1,789	2,674	551	12	12

Table 4. Cotton gin batteries, distribution of batteries by volume of cotton ginned, and by number of drying stages, Southeastern Area, 1961-62

District State and Area	Total gin batteries	Bales ginned						Number of batteries having seed cotton driers	Batteries by number of drying stages			
		500 or less	501 -	1,501 -	2,501 -	5,001 -	10,001 and over		One	Two	Three	Four and more
			Number	Number	Number	Number	Number					
Georgia												
District 1	124	38	51	22	7	1	-	99	74	23	2	-
District 2	115	9	22	47	32	-	-	113	44	50	19	-
District 3	72	5	22	25	17	3	-	71	24	35	9	3
Total	311	52	95	94	56	4	-	283	142	108	30	3
Alabama												
District 1	220	27	110	42	37	2	-	214	132	73	9	-
District 2	123	25	38	44	14	1	-	100	76	22	2	-
District 3	73	3	35	20	13	-	-	69	43	23	3	-
Total	416	55	183	106	64	3	-	383	251	118	14	-
S. Carolina												
District 1	103	47	41	15	-	-	-	81	71	10	-	-
District 2	129	12	44	42	23	-	-	127	73	48	6	-
District 3	75	5	22	25	18	-	-	74	44	30	-	-
Total	307	64	107	82	41	-	-	282	188	88	6	-
N. Carolina												
District 1	78	39	31	8	-	-	-	64	55	8	1	-
District 2	118	19	63	29	7	-	-	105	72	32	1	-
District 3	74	17	33	14	10	-	-	69	55	12	2	-
Total	270	75	127	51	17	-	-	238	182	52	4	-
Virginia												
	13	5	7	1	-	-	-	6	3	3	-	-
Florida												
	7	1	1	2	1	-	-	5	3	2	-	-
Area Total												
	1,324	252	520	336	179	7	-	1,197	769	371	54	3

Table 5. Cotton gin batteries with specified kinds of equipment, Southeastern Area, 1961-62

District State and Area	Total gin batteries	Number of gin batteries having:							Moisture meters	Batteries with seed cotton cleaners under the distributor
		Number	Bulk or master feed control	Overhead cleaners	Bur extractors	Stick and green leaf machines	Magnets	Green boll traps	Overflow bypass	
			Number	Number	Number	Number	Number	Number	Number	Number
Georgia										
District 1	124	-	70	17	20	8	10	36	-	28
District 2	115	13	92	48	56	42	6	49	-	19
District 3	72	9	70	34	26	13	43	33	5	63
Total	311	22	232	99	102	63	59	118	5	110
Alabama										
District 1	220	6	181	53	72	20	66	113	-	8
District 2	123	3	77	18	23	17	26	35	-	78
District 3	73	-	57	29	22	22	28	31	-	73
Total	416	9	315	100	117	59	120	179	-	159
S. Carolina										
District 1	103	1	67	13	3	5	38	38	-	-
District 2	129	4	111	52	4	7	27	77	-	16
District 3	75	4	65	20	21	5	36	41	-	11
Total	307	9	243	85	28	17	101	156	-	27
N. Carolina										
District 1	78	1	44	21	-	2	2	49	-	18
District 2	118	5	72	17	15	10	42	63	-	4
District 3	74	4	63	20	7	18	15	47	-	8
Total	270	10	179	58	22	30	59	159	-	30
Virginia	13	-	3	-	-	-	1	2	-	-
Florida	7	-	6	2	1	-	3	7	-	5
Area Total	1,324	50	978	344	270	169	343	621	5	331

Table 6. Cotton gin batteries, distribution of batteries by number of gin stands and by number of lint cleaning stages, Southeastern Area, 1961-62

District State and Area	Total gin batteries	Batteries by number of gin stands					Batteries having lint cleaners	Batteries by number of lint cleaning stages			
		Gin stands						One	Two	Three	Four and more
		Two or less	Three	Four	Five	Six and more					
	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number
Georgia											
District 1	124	10	44	67	3	-	90	76	14	-	-
District 2	115	7	29	69	10	-	108	37	58	13	-
District 3	72	2	22	46	2	-	69	25	39	5	-
Total	311	19	95	182	15	-	267	138	111	18	-
Alabama											
District 1	220	4	59	140	16	-	215	71	118	26	-
District 2	123	16	41	61	5	-	98	64	32	2	-
District 3	73	3	27	37	6	-	70	33	34	3	-
Total	416	23	127	238	27	-	383	168	184	31	-
S. Carolina											
District 1	103	6	62	34	1	-	52	47	5	-	-
District 2	129	3	46	75	5	-	121	49	66	6	-
District 3	75	5	46	22	2	-	71	25	39	7	-
Total	307	14	154	131	8	-	244	121	110	13	-
N. Carolina											
District 1	78	6	41	31	-	-	27	24	3	-	-
District 2	118	12	67	39	-	-	97	74	22	1	-
District 3	74	7	36	30	1	-	61	44	16	1	-
Total	270	25	144	100	1	-	185	142	41	2	-
Virginia	13	6	5	2	-	-	1	1	-	-	-
Florida	7	-	3	4	-	-	6	3	3	-	-
Area Total	1,324	87	528	657	51	-	1,086	573	449	64	-

Table 7. Cotton gin batteries, distribution of batteries by volume of cotton ginned, and by number of drying stages, South Central Area, 1961-62

District State and Area	Total gin batteries	Bales ginned							Number of batteries having seed cotton driers	Batteries by number of drying stages			
		500 or less	501 - 1,500	1,501 - 2,500	2,501 - 5,000	5,001 - 10,000	10,001 and over	Number					
								Number		Number	Number	Number	
Louisiana													
District 1	53	6	13	15	17	2	-	51	13	31	7	-	-
District 2	4	4	-	-	-	-	-	1	1	-	-	-	-
District 3	99	2	15	34	45	3	-	98	15	74	9	-	-
District 4	75	8	43	20	4	-	-	73	28	43	2	-	-
Total	231	20	71	69	66	5	-	223	57	148	18	-	-
Arkansas													
District 1	21	3	11	4	3	-	-	20	12	6	2	-	-
District 2	301	5	40	85	140	28	-	301	98	168	35	-	-
District 3	46	8	15	7	14	2	-	39	22	15	2	-	-
District 4	183	10	25	40	86	14	1	178	82	88	8	-	-
Total	551	26	91	136	243	44	1	538	214	277	47	-	-
Mississippi													
District 1	358	11	46	80	149	50	1	353	77	250	26	-	-
District 2	165	2	27	67	60	4	-	164	96	61	7	-	-
District 3	95	25	34	22	13	-	-	82	50	32	-	-	-
District 4	58	25	23	9	1	-	-	53	49	4	-	-	-
Total	676	63	130	178	223	54	1	652	272	347	33	-	-
Tennessee													
District 1	255	5	69	102	68	3	-	251	67	133	50	1	-
District 2	28	5	20	2	1	-	-	22	15	7	-	-	-
Total	283	10	89	104	69	3	-	273	82	140	50	1	-
Missouri	154	1	25	60	61	-	-	153	24	120	9	-	-
Illinois	2	2	-	-	-	-	-	2	1	1	-	-	-
Kentucky	3	-	2	1	-	-	-	3	-	2	1	-	-
Area Total	1,900	122	408	548	662	112	2	1,944	650	1,035	158	1	1

Table 8. Cotton gin batteries with specified kinds of equipment, South Central Area, 1961-62

District State and Area	Total gin batteries	Number of gin batteries having:							Moisture meters	Batteries with seed cotton cleaners under the distributor
		Bulk or master feed control	Overhead cleaners	Bur extractors	Stick and green leaf machines	Magnets	Green boll traps	Overflow bypass		
	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number
Louisiana										
District 1	53	10	46	28	10	12	21	33	2	53
District 2	4	-	2	-	-	-	1	-	-	2
District 3	99	28	97	52	51	31	43	78	9	69
District 4	75	3	59	19	7	14	23	22	3	71
Total	231	41	204	99	68	57	88	133	14	195
Arkansas										
District 1	21	2	20	13	2	4	3	14	1	21
District 2	301	67	294	190	54	156	130	189	25	165
District 3	46	5	36	23	14	21	18	26	1	44
District 4	183	40	178	117	43	82	75	108	17	182
Total	551	114	528	343	113	263	226	337	44	412
Mississippi										
District 1	358	108	338	226	125	200	197	263	105	356
District 2	165	16	150	38	55	38	41	100	3	30
District 3	95	9	55	17	7	18	13	26	2	20
District 4	58	1	28	9	2	4	7	15	-	3
Total	676	134	571	290	189	260	258	404	110	409
Tennessee										
District 1	255	41	241	116	55	79	51	152	20	37
District 2	28	1	20	7	3	3	8	18	-	-
Total	283	42	261	123	58	82	59	170	20	37
Missouri	154	54	150	101	38	91	42	117	26	49
Illinois	2	-	2	-	-	-	-	2	-	-
Kentucky	3	1	3	2	1	-	1	2	-	1
Area Total	1,900	386	1,719	958	467	753	674	1,165	214	1,103

Table 9. Cotton gin batteries, distribution of batteries by number of gin stands and by number of lint cleaning stages, South Central Area, 1961-62

District State and Area	Total gin batteries	Batteries by number of gin stands						Batteries having lint cleaners	Batteries by number of lint cleaning stages			
		Gin stands							One	Two	Three	Four and more
		Two or less	Three	Four	Five	Six and more						
	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number
Louisiana												
District 1	53	3	14	24	12	-	52	12	29	10	1	1
District 2	4	-	1	2	1	-	-	-	-	-	-	-
District 3	99	2	13	66	18	-	99	11	64	23	1	1
District 4	75	2	15	51	7	-	69	37	31	1	-	-
Total	231	7	43	143	38	-	220	60	124	34	2	2
Arkansas												
District 1	21	1	13	5	2	-	17	10	5	2	-	-
District 2	301	12	103	147	39	-	296	107	160	29	-	-
District 3	46	4	11	25	6	-	37	13	20	4	-	-
District 4	183	10	72	82	19	-	179	67	88	22	2	2
Total	551	27	199	259	66	-	529	197	273	57	2	2
Mississippi												
District 1	358	12	82	216	46	2	341	75	244	22	-	-
District 2	165	7	63	86	9	-	162	72	82	8	-	-
District 3	95	5	26	60	4	-	72	57	14	1	-	-
District 4	58	1	20	35	2	-	46	41	5	-	-	-
Total	676	25	191	397	61	2	621	245	345	31	-	-
Tennessee												
District 1	255	14	129	105	7	-	253	73	152	28	-	-
District 2	28	-	14	14	-	-	23	16	7	-	-	-
Total	283	14	143	119	7	-	276	89	159	28	-	-
Missouri	154	3	58	84	9	-	153	26	106	21	-	-
Illinois	2	-	2	-	-	-	2	1	1	-	-	-
Kentucky	3	-	3	-	-	-	3	1	1	1	-	-
Area Total	1,900	76	639	1,002	181	2	1,804	619	1,009	172	4	4

Table 10. Cotton gin batteries, distribution of batteries by volume of cotton ginned, and by number of drying stages, Southwestern Area, 1961-62

District State and Area	Total gin batteries	Bales ginned							Number of batteries having seed cotton driers	Batteries by number of drying stages			
		500 or less	501 - 1,500	1,501 - 2,500	2,501 - 5,000	5,001 - 10,000	10,001 and over	Number		One	Two	Three	Four and more
		Number	Number	Number	Number	Number	Number	Number		Number	Number	Number	Number
Texas													
District 1	466	1	5	33	190	229	7	466	176	250	37	3	
District 2	195	-	11	37	82	51	14	195	148	47	-	-	
District 3	11	1	4	6	-	-	-	10	9	-	1	-	
District 4	286	36	138	76	35	1	-	285	171	108	6	-	
District 5	70	28	21	8	9	4	-	68	31	34	3	-	
District 6	69	-	2	9	34	21	3	69	41	19	9	-	
District 7	18	3	4	1	3	7	-	14	9	4	1	-	
District 8	158	43	50	30	34	1	-	145	59	69	13	4	
District 9	77	7	40	20	10	-	-	77	19	47	11	-	
District 10	146	5	22	28	51	32	8	146	30	100	16	-	
Total	1,496	124	297	248	448	346	32	1,475	693	678	97	7	
Oklahoma													
District 1	113	4	23	41	28	17	-	113	69	44	-	-	
District 2	31	8	21	2	-	-	-	28	21	5	2	-	
District 3	28	1	13	13	1	-	-	27	21	6	-	-	
Total	172	13	57	56	29	17	-	168	111	55	2	-	
Area Total	1,668	137	354	304	477	363	32	1,643	804	733	99	7	

Table 11. Cotton gin batteries with specified kinds of equipment, Southwestern Area, 1961-62

District State and Area	Total gin batteries	Number of gin batteries having:							Moisture meters	Batteries with seed cotton cleaners under the distributor
		Bulk or master feed control	Overhead cleaners	Bur extractors	Stick and green leaf machines	Magnets	Green boll traps	Overflow bypass		
	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number
Texas										
District 1	466	125	466	442	162	133	444	339	64	433
District 2	195	25	195	191	43	1	147	143	2	54
District 3	11	-	11	9	2	-	7	4	-	3
District 4	286	17	286	271	95	35	240	185	4	32
District 5	70	7	70	61	16	14	37	42	-	10
District 6	69	13	69	45	23	16	50	67	46	7
District 7	18	2	18	17	4	-	14	9	-	2
District 8	158	28	152	140	41	39	109	84	19	43
District 9	77	13	77	61	29	14	41	54	4	21
District 10	146	45	146	93	60	53	96	32	34	17
Total	1,496	275	1,490	1,330	475	305	1,185	959	173	622
Oklahoma										
District 1	113	27	113	109	27	6	84	97	3	94
District 2	31	-	30	28	1	1	6	20	-	30
District 3	28	3	28	27	9	1	11	24	2	21
Total	172	30	171	164	37	8	101	141	5	145
Area Total	1,668	305	1,661	1,494	512	313	1,286	1,100	178	767

Table 12. Cotton gin batteries, distribution of batteries by number of gin stands and by number of lint cleaning stages, Southwestern Area, 1961-62

District State and Area	Total gin batteries	Batteries by number of gin stands					Batteries having lint cleaners	Batteries by number of lint cleaning stages			
		Gin stands				Six and more		One	Two	Three	Four and more
		Two or less	Three	Four	Five						
	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number
Texas											
District 1	466	3	19	201	235	8	466	35	344	86	1
District 2	195	2	7	98	85	3	195	78	103	14	-
District 3	11	-	1	8	2	-	11	9	2	-	-
District 4	286	10	18	168	89	1	276	174	92	9	1
District 5	70	-	4	48	17	1	61	44	16	1	-
District 6	69	1	3	16	32	17	57	4	33	20	-
District 7	18	1	2	8	7	-	14	8	5	1	-
District 8	158	2	16	57	81	2	134	70	56	8	-
District 9	77	1	3	41	32	-	77	28	49	-	-
District 10	146	1	4	38	97	6	145	19	91	35	-
Total	1,496	21	77	683	677	38	1,436	469	791	174	2
Oklahoma											
District 1	113	5	14	63	30	1	111	43	66	2	-
District 2	31	1	5	21	4	-	24	24	-	-	-
District 3	28	2	3	21	2	-	27	20	6	1	-
Total	172	8	22	105	36	1	162	87	72	3	-
Area Total	1,668	29	99	788	713	39	1,598	556	863	177	2

Table 13. Cotton gin batteries, distribution of batteries by volume of cotton ginned, and by number of drying stages, Far Western Area, 1961-62

District State and Area	Total gin batteries	Bales ginned						Number of batteries having seed cotton driers	Batteries by number of drying stages			
		500 or less	501 -	1,501 -	2,501 -	5,001 -	10,001 and over		One	Two	Three	Four and more
		Number	Number	Number	Number	Number	Number					
Arizona												
District 1												
Saw Gins	12	-	2	-	2	7	1	12	4	8	-	-
Roller Gins	-	-	-	-	-	-	-	-	-	-	-	-
All Gins	12	-	2	-	2	7	1	12	4	8	-	-
District 2												
Saw Gins	50	-	-	-	19	28	3	50	19	26	5	-
Roller Gins	8	-	5	2	1	-	-	8	7	1	-	-
All Gins	58	-	5	2	20	28	3	58	26	27	5	-
District 3												
Saw Gins	59	-	-	2	10	41	6	59	12	42	5	-
Roller Gins	7	-	6	1	-	-	-	7	7	-	-	-
All Gins	66	-	6	3	10	41	6	66	19	42	5	-
District 4												
Saw Gins	9	-	-	-	7	2	-	9	8	1	-	-
Roller Gins	3	-	-	-	1	2	-	3	3	-	-	-
All Gins	12	-	-	-	8	4	-	12	11	1	-	-
Total	148	-	13	5	40	80	10	148	60	78	10	-
California												
District 1												
Saw Gins	291	1	2	8	136	141	3	291	10	168	105	8
District 2												
Saw Gins	25	-	-	-	1	21	3	25	4	19	2	-
Total	316	1	2	8	137	162	6	316	14	187	107	8
New Mexico												
District 1												
Saw Gins	26	1	2	3	12	8	-	25	19	6	-	-
Roller Gins	4	1	1	-	2	-	-	4	4	-	-	-
All Gins	30	2	3	3	14	8	-	29	23	6	-	-
District 2												
Saw Gins	44	1	1	9	19	12	2	44	8	17	13	6
Roller Gins	-	-	-	-	-	-	-	-	-	-	-	-
All Gins	44	1	1	9	19	12	2	44	8	17	13	6
Total	74	3	4	12	33	20	2	73	31	23	13	6
Nevada												
Saw Gins	1	-	-	-	-	1	-	1	1	-	-	-
Texas												
District 6												
Saw Gins	55	-	1	5	27	19	3	55	27	19	9	-
Roller Gins	14	-	1	4	7	2	-	14	14	-	-	-
All Gins	69	-	2	9	34	21	3	69	41	19	9	-
Area Total	608	4	21	34	244	284	21	607	147	307	139	14

Table 14. Cotton gin batteries with specified kinds of equipment, Far Western Area, 1961-62

District State and Area	Total gin batteries	Number of gin batteries having:							Moisture meters	Batteries with seed cotton cleaners under the distributor
		Bulk or master feed control	Overhead cleaners	Bur extractors	Stick and green leaf machines	Magnets	Green boll traps	Overflow bypass		
	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number
Arizona										
District 1										
Saw Gins	12	10	12	10	4	2	12	5	3	2
Roller Gins	-	-	-	-	-	-	-	-	-	-
All Gins	12	10	12	10	4	2	12	5	3	2
District 2										
Saw Gins	50	37	50	48	1	10	47	43	16	32
Roller Gins	8	6	8	-	-	1	7	7	1	4
All Gins	58	43	58	48	1	11	54	50	17	36
District 3										
Saw Gins	59	46	59	55	2	22	59	45	17	35
Roller Gins	7	7	7	5	-	3	5	6	1	4
All Gins	66	53	66	60	2	25	64	51	18	39
District 4										
Saw Gins	9	2	9	5	1	-	9	9	4	2
Roller Gins	3	2	3	2	2	-	2	3	-	-
All Gins	12	4	12	7	3	-	11	12	4	2
Total	148	110	148	125	10	38	141	118	42	79
California										
District 1										
Saw Gins	291	267	291	216	38	122	167	259	92	141
District 2										
Saw Gins	25	23	25	17	6	8	24	19	11	-
Total	316	290	316	233	44	130	191	278	103	141
New Mexico										
District 1										
Saw Gins	26	9	26	13	12	13	19	25	10	2
Roller Gins	4	-	4	3	1	1	1	4	2	-
All Gins	30	9	30	16	13	14	20	29	12	2
District 2										
Saw Gins	44	8	44	34	18	16	42	37	15	8
Roller Gins	-	-	-	-	-	-	-	-	-	-
All Gins	44	8	44	34	18	16	42	37	15	8
Total	74	17	74	50	31	30	62	66	27	10
Nevada										
Saw Gins	1	1	1	1	-	-	1	1	-	-
Texas										
District 6										
Saw Gins	55	13	55	35	18	16	46	53	38	7
Roller Gins	14	-	14	10	5	-	4	14	8	-
All Gins	69	13	69	45	23	16	50	67	46	7
Area Total	608	431	608	454	108	214	445	530	218	237

Table 15. Cotton gin batteries, distribution of batteries by number of gin stands and by number of lint cleaning stages,
Far Western Area, 1961-62

District State and Area	Total gin batteries Number	Batteries by number of gin stands					Batteries having lint cleaners Number	Batteries by number of lint cleaning stages				
		Gin stands						One Number	Two Number	Three Number	Four and more Number	
		Two or less Number	Three Number	Four Number	Five Number	Six and more Number						
Arizona												
District 1												
Saw Gins	12	-	1	2	9	-	12	-	12	-	-	-
Roller Gins	-	-	-	-	-	-	-	-	-	-	-	-
All Gins	12	-	1	2	9	-	12	-	12	-	-	-
District 2												
Saw Gins	50	-	6	2	33	9	50	4	26	16	4	4
Roller Gins	8	-	-	-	-	8	8	3	5	-	-	-
All Gins	58	-	6	2	33	17	58	7	31	16	4	4
District 3												
Saw Gins	59	-	2	3	53	1	59	8	29	20	2	2
Roller Gins	7	-	-	-	-	7	7	3	4	-	-	-
All Gins	66	-	2	3	53	8	66	11	33	20	2	2
District 4												
Saw Gins	9	-	1	4	4	-	9	-	8	1	-	-
Roller Gins	3	-	-	-	-	3	3	-	3	-	-	-
All Gins	12	-	1	4	4	3	12	-	11	1	-	-
Total	148	-	10	11	99	28	148	18	87	37	6	6
California												
District 1												
Saw Gins	291	1	7	20	228	35	291	12	201	78	-	-
District 2												
Saw Gins	25	-	-	7	18	-	25	-	23	2	-	-
Total	316	1	7	27	246	35	316	12	224	80	-	-
New Mexico												
District 1												
Saw Gins	26	1	3	10	11	1	26	7	19	-	-	-
Roller Gins	4	-	1	-	-	3	3	-	3	-	-	-
All Gins	30	1	4	10	11	4	29	7	22	-	-	-
District 2												
Saw Gins	44	-	3	23	17	1	44	4	19	21	-	-
Roller Gins	-	-	-	-	-	-	-	-	-	-	-	-
All Gins	44	-	3	23	17	1	44	4	19	21	-	-
Total	74	1	7	33	28	5	73	11	41	21	-	-
Nevada												
Saw Gins	1	-	-	-	1	-	1	-	1	-	-	-
Texas												
District 6												
Saw Gins	55	1	3	16	32	3	55	4	31	20	-	-
Roller Gins	14	-	-	-	-	14	2	-	2	-	-	-
All Gins	69	1	3	16	32	17	57	4	33	20	-	-
Area Total	608	3	27	87	406	85	595	45	386	158	6	6



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